No. 200300318

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Monsanto Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN ... STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED ... SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, ... 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Prairie White'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirteenth day of April, in the year two thousand and four.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

Local Reproduction of FORM - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the privacy Act of 1974 (5 U.S.C. 552a)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421) Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*
Monsanto Company

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
W98-538W

3. VARIETY NAME
Prairie White

4. ADDRESS *(Street and No. or R.F.D. No., City, State, and Zip Code)*
700 Chesterfield Parkway North
St. Louis, Missouri 63198

5. TELEPHONE *(include area code)*
636-737-6089

6. FAX *(include area code)*
636-737-7250

PVPO NUMBER
2003 00318

FILING DATE
August 22, 2003

7. GENUS AND SPECIES NAME
Triticum aestivum

8. FAMILY NAME *(Botonical)*
Gramineae

FEES RECEIVED
FILING AND EXAMINATION FEE Date
8/22/2003
DATE FEE
3652.00
CERTIFICATION FEE
432.00
DATE
03/08/2004

9. CROP KIND NAME *(common name)*
Hard White Winter Wheat

10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association,etc.) (common name)*
Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
Delaware

12. DATE OF INCORPORATION
1933

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS

Ms. Sally Metz
700 Chesterfield Parkway North
St. Louis, Missouri 63198

and

Dr. Rollin Sears
6515 Ascher Road
Junction City, Kansas 66441

14. TELEPHONE *(include area code)*
636-737-6089

15. FAX *(include area code)*
636-737-7250

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(follow instructions on reverse)*

- a. [X] Exhibit A. Origin and Breeding History of the Variety
- b. [X] Exhibit B. Statement of Distinctness
- c. [X] Exhibit C. Objective Description of the Variety
- d. [X] Exhibit D. Additional Description of the Variety
- e. [X] Exhibit E. Statement of the Basis of the Applicant's Ownership
- f. [X] Voucher Sample *(2,500 viable untreated seeds, or, for tuber propagated varieties veification that tissue culture will be deposited and maintained in a public repository)*
- g. [X] Filing and Examination Fee *($2,450)*, made payable to "Treasurer of the United States" *(Mail to PVPO)*

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)*

[X] YES *(if "yes", answer items 18 and 19 below)* [ ] NO *(if 'no", go to item 20)*

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?

[ ] YES [X] NO

19. IF 'YES' TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDERS SEED?

[ ] FOUNDATION [ ] REGISTERED [ ] CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?

[ ] YES *(iF "YES", give names of countries and dates)* [X] NO

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT (Owner(s))		SIGNATURE OF APPLICANT (Owner(s))	
Sally Metz			
NAME *(Please print or type)*		NAME *(Please print or type)*	
Sally Metz		**Dr. Rollin Sears**	
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
Director Wheat Technology	6/11/03	**Co-Manager, Wheat Business**	

SD-470 (04-95)

(See reverse for instructions and information collection burden statement)

Exhibit A.
Origin and Breeding History of Prairie White

Prairie White is cross between WI89-183/WI90-562. WI89-183 is a cross between N84-1104/Mesa. N84-1104 is a cross between Tesia 79/ Chat 's'. WI90-562 is a cross between TX81V6610/854034#2. TX81V6610 is a sib line of Tam 200 and from the cross TX71A1039-V1#3/Amigo. 854034#2 is a cross between 83F27707/82PDO007-025 both of which are derived from bulk populations consisting of numerous populations bulked together and subsequently screened for several generations via a gravity table.

The cross that produced Prairie White was made in the greenhouse at Berthoud, CO in 1994 and named 94x0550. F2 seed was planted at Nardin, OK in 1995 and the population selected based upon maturity, plant height and disease resistance. F3 seed was space planted at Berthoud, CO and F3 plants were selected based upon plant height, maturity, disease resistance and agronomic type. F4 rows were planted at 3 locations and evaluated for winterhardiness, plant height, maturity, disease resistance and agronomic type. An F4 row from this population was selected and renamed W98-538W. It has been tested in replicated yield trials since 1999. Prairie White has been stable and true breeding since 2001.

In 2000 twelve progeny plots were grown in Berthoud, Colorado of which six were selected. These six progeny plots were bulked to grow a 0.2 acre Breeders seed increase in Berthoud, CO in 2001 which produced 155 pounds of Breeders seed. In 2002 an eleven acre Breeders seed increase was grown in Sharon Springs, Kansas which produced 9,400 pounds of Foundation seed.

Prairie White has been uniform and stable since 2001. Less than 0.8% of the plants were rogued from the Breeders seed increase in 2001. Approximately 90% of the rogued variant plants were taller height wheat plants (8 to 15 cm). Up to 1% variant plants may be encountered in subsequent generations.

PV# 200300318 'Prairie White'

Addendum to The Exhibit A:

Prairie White is cross between WI89-183/WI90-562. WI89-183 is a cross between N84-1104/Mesa. N84-1104 is a cross between Tesia 79/ Chat 's'. WI90-562 is a cross between TX81V6610/854034#2. TX81V6610 is a sib line of Tam 200 and from the cross TX71A1039-V1#3/Amigo. 854034#2 is a cross between 83F27707/82PDO007-025. 83F27707 is a bulk selection from the cross Arkan//RPB462-72/TamW101. RPB462-72 is an experimental winter wheat experimental line from Nickerson in the UK.

82PDO007-025 was derived from bulk populations almost entirely made up of experimental selections that were composited, allowed to self and then cleaned over a gravity table over several generations. We don't have specific information on the exact number of populations that were bulked together.

Exhibit B. 20030318

Statement of Distinctness

Prairie White is most similar to the hard white winter wheat 'Oro Blanco'. However it can be distinguished by the following characteristics

- Prairie White has a medium glume width (Berthoud,CO 2001, 2002). Oro Blanco has a narrow glume width (Berthoud,CO 2001, 2002).

- Prairie White's flag leaf is a 90 degree angle from the stem at boot stage (Berthoud,CO 2001, 2002). Oro Blanco has a recurved flag leaf at boot (Berthoud,CO 2001, 2002).

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY

WHEAT (*Triticum* Spp.)

NAME OF APPLICANT(S)	FOR OFFICIAL USE ONLY
Monsanto Company	PVPO NUMBER **2003 00318**
ADDRESS (*Street and No. or R.F.D. No., City, State, and Zip Code*) **700 Chesterfield Parkway North** **St. Louis, Missouri 63198**	NAME OR EXPERIMENTAL DESIGNATION **Prairie White**

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in the first box when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized standard may be used to determine plant colors; designate system used.
Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

[1] 1=Common 2=Durum 3=Club 4=Other (*specify*) _____

2. VERNALIZATION:

[2] 1=Spring 2=Winter 3=Other (*specify*) _____

3. COLEOPTILE ANTHOCYANIN:

[1] 1=Absent 2=Present

4. JUVENILE PLANT GROWTH:

[2] 1=Prostrate 2=Semi-erect 3=Erect

5. PLANT COLOR (*boot stage*):

[2] 1 = Yellow-Green 2 = Green 3 = Blue-Green

6. FLAG LEAF (*boot stage*):

[0] 1 = Erect 2 = Recurved ***90 degree angle from stem**

[2] 1 = Not Twisted 2 = Twisted

7. EAR EMERGENCE:

[0][4] Number of Days Earlier Than **Oro Blanco** *

[0][0] Number of Days Later Than _____ *

8. ANTHER COLOR:

[1] 1 = YELLOW 2 = PURPLE

9. PLANT HEIGHT (*from soil to top of head, excluding awns*):

[0][3] cm Taller Than **Oro Blanco** *

[0][0] cm Shorter Than _____ *

* Relative to a PVPO-Apprved Commercial Variety Grown in the Same Trial

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Prairie White

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10. STEM:

A. ANTHOCYANIN

[1] 1= Absent 2=Present

B. WAXY BLOOM

[2] 1=Absent 2=Present

C. HAIRINESS (*last internode of rachis*)

[2] 1=Absent 2=Present

D. INTERNODE (*specify number*) _____

[1] 1=Hollow 2=Semi-solid 3=Solid

E. PEDUNCLE

[1] 1=Erect 2=Recurved

[1][4] cm Length

11. HEAD (*at Maturity*):

A. DENSITY

[2] 1=Lax 2=Middense 3= Dense

B. SHAPE

[1] 1 = Tapering 2= Strap 3 = Clavate 4 = Other (*specify*) _____

C. CURVATURE

[1] 1 = Erect 2 = Inclined 3 = Recurved

D. AWNEDNESS

[4] 1 = Awnless 2 = Apically Awnletted 3 = Awnletted 4 = Awned

12. GLUMES (*at Maturity*):

A. COLOR

[1] 1 = White 2 = Tan 3 = Other (*specify*) _____

B. SHOULDER

[4] 1 = Wanting 2 = Oblique 3 = Rounded 4 = Square 5 = Elevated 6 = Apiculate

C. BEAK

[3] 1 = Obtuse 2 = Acute 3 =Acuminate

D. LENGTH

[2] 1 = Short (ca. 7mm) 2 = Medium (ca. 8mm) 3 = Long (ca. 9mm)

E. WIDTH

[2] 1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm) 3 = Wide (ca. 4mm)

13. SEED:

A. SHAPE

[1] 1 = Ovate 2 = Oval 3 = Elliptical

B. CHEEK

[1] 1=Rounded 2=Angular

C. BRUSH

[2] 1=Short 2=Medium 3=Long

[1] 1 = Not Collared 2 = Collared

D. CREASE

[1] 1 = Width 60% or less of Kernel
2 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel

[1] 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

Prairie White

2003 0 0 3 18

13. SEED: (continued)

E. COLOR

[1] 1 = White 2 = Amber 3 = Red 4 = Other (*specify*) _____

F. TEXTURE

[1] 1=Hard 2=Soft

G. PHENOL REACTION (*see instructions*):

[0] 1 = Ivory 2 = Fawn 3 = Light Brown 4 = Dark Brown 5 = Black

14. DISEASE: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant) 5=moderately resistant 6=moderately susceptible

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

[0]	Stem Rust (*Puccinia graminis* f. sp. *tritici*) Field races	[2]	Leaf Rust (*Puccinia recondita* f. sp. *tritici*) Field races
[1]	Stripe Rust (*Puccinia striiformis*)	[0]	Loose Smut (*Ustilago tritici*)
[0]	Tan Spot (*Pyrenophora tritici-repentis*)	[0]	Flag Smut (*Urocystis agropyri*)
[0]	Halo Spot (*Selenophoma donacis*)	[0]	Common Bunt (*Tilletia tritici or T. laevis*)
[0]	*Septoria nodorum* (Glume Blotch)	[0]	Dwarf Bunt (*Tilletia controversa*)
[0]	*Septoria avenae* (Speckled Leaf Disease)	[0]	Karnal Bunt (*Tilletia indica*)
[0]	*Septoria tritici* (Speckled Leaf Blotch) Field races	[6]	Powdery Mildew (*Erysiphe graminis* f. sp. *tritici*) Field races
[0]	Scab (*Fusarium* spp.)	[0]	Snow Molds
[0]	Black Point (Kernel Smudge)	[0]	Common Root Rot (*Fusarium, Cochliobolus* and *Bipolaris* spp.
[0]	Barley Yellow Dwarf Virus (BYDV)	[0]	Rhizoctonia Root Rot (*Rhizoctonia solani*)
[2]	Soilborne Mosaic Virus (SBMV) Field races	[0]	Black Chaff (*Xanthomonas campestris* pv. *translucens*)
[2]	Wheat Yellow (Spindle Streak) Mosaic Virus Field races	[0]	Bacterial Leaf Blight (*Pseudomonas syringae* pv. *syringae*)
[5]	Wheat Streak Mosaic Virus (WSMV) Field races	[ ]	Other (*specify*)
[ ]	Other (*specify*)	[ ]	Other (*specify*)
[ ]	Other (*specify*)	[ ]	Other (*specify*)
[ ]	Other (*specify*)	[ ]	Other (*specify*)

Prairie White

15. INSECT: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

0	Hessian Fly (*Mayetiola destructor*)		Other (*specify*)
0	Stem Sawfly (*Cephus* spp.)		Other (*specify*)
0	Cereal Leaf Beetle (*Oulema melanopa*)		Other (*specify*)
0	Russian Aphid (*Diuraphis noxia*)		Other (*specify*)
0	Greenbug (*Schizaphis graminum*)		Other (*specify*)
0	Aphids		

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

None

Exhibit D.
Additional Description of Prairie White

Prairie White is a hard white winter wheat bred and developed by Agripro Wheat, a business unit of Advanta U.S.A., Inc. Prairie White is adapted to the Central High Plains. Prairie White is a medium height semidwarf wheat with early maturity and good straw straw. Prairie White provides resistance to Soilborne Mosaic Virus, Leaf rust and Spindle Streak Mosaic Virus, is moderately resistant to Wheat Streak Mosiac Virus and is moderately susceptible to Powery Mildew. Prairie White is susceptible to Stripe rust.

Juvenile growth habit is semierect. Plant color at boot stage is green. Flag leaf is a 90 degree angle from the stem at boot stage and is twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is tapering and awned. Glumes are glabrous, midwide in width and midlong in length with square shoulders and acuminate beaks. Seed shape is ovate. Brush hairs are medium in length. Seed crease depth is shallow and width is narrow. Seed cheeks are rounded.

Year: 2000				Wht	Flr	Flr		Peak	Peak		Norris		Mix	Loaf				
LabNo	Designation	Loc	Code	Prot	Prot	Yld	Ash	Time	Ht.	Tol	Hard	ABS	Time	Vol	Grain	Tex	Color	Comments
1097	ORO BLANCO	CP	8001		12.2	66.5	0.46	4.50	5.00	1304	130	62.0	4.50	1000	3	3	4	
1207	ORO BLANCO	SP	8001		12.0	69.6	0.48	4.25	5.00	984	118	60.5	4.25	910	3	3	3	
1098	PLATTE	CP	8002		10.9	68.3	0.48	4.50	5.25	1390	137	63.5	4.75	980	4	3	3	
1208	PLATTE	SP	8002	13.4	12.5	69.3	0.53	4.00	5.00	1173	125	62.0	4.00	965	5	3	4	
1102	TREGO	CP	8006		10.3	68.7	0.47	3.75	5.00	1085	144	59.0	3.75	890	4	3	3	
1115	TREGO	CP	8106		10.5	68.8		3.50	5.00	1077	140	58.5	3.50	880	4	3	3	
1212	TREGO	SP	8006	12.9	11.9	71.2	0.50	2.75	5.00	943	137	60.0	2.75	975	4	3	3	
1100	NuFrontier	CP	8004		11.5	68.7	0.45	4.00	5.00	1160	125	60.5	4.00	940	4	3	3	
1210	NuFrontier	SP	8004		12.5	68.3	0.48	3.50	4.75	1164	117	60.0	3.50	965	5	3	3	S
1101	NuHorizon	CP	8005		11.3	67.0	0.55	5.50	5.00	1301	137	59.5	6.00	950	3	3	3	
1211	NuHorizon	SP	8005	13.4	12.0	69.0	0.51	5.00	4.75	1314	128	60.0	5.00	960	4	2	3	
1105	W96-054W	CP	8012		11.0	67.0	0.46	3.00	5.00	917	146	59.0	3.00	920	3	3	3	
1215	W96-054W	SP	8012	13.5	12.6	67.9	0.50	2.50	5.00	928	134	61.0	2.50	955	4	3	3	
1107	W98-506W	CP	8018		11.5	66.4	0.44	6.00	4.00	1303	149	61.0	6.00	885	4	3	3	
1217	W98-506W	SP	8018		13.0	70.0	0.48	4.50	4.75	1363	137	61.0	4.50	990	4	4	3	B
1108	W98-530W	CP	8025		11.4	68.5	0.48	6.25	5.00	1356	138	60.0	6.25	870	4	3	3	
1218	W98-530W	SP	8025	13.6	12.8	70.0	0.49	5.00	4.75	1314	133	61.0	5.00	960	4	3	3	
1113	W98-538W	CP	8048		11.6	67.9	0.43	5.50	4.75	1497	139	61.0	5.50	935	4	3	3	
1223	W98-538W	SP	8048		12.4	69.7	0.56	4.75	5.00	1265	131	61.0	4.75	970	4	3	3	

Year:2001				WHT	FLR	FLR		PEAK	PEAK				MIX	LOAF				
LabNo	Designation	Loc	Code	PROT	PROT	YLD	ASH	Time	HT	TOL	NHARD	ABSOR	TIME	VOL	Grain	Tex	Color	Com
1885	TREGO	DL	401	13.5	12.5	71.4	0.444	2.50	5.25	632	81	62.0	2.50	840	4	3	3	
1886	PLATTE	DL	402	15.1	14.0	70.5	0.432	3.25	5.25	996	74	65.5	3.25	935	4	3	3	
1887	ORO BLANCO	DL	403	14.6	13.7	70.3	0.434	3.75	5.00	853	71	64.5	3.75	965	4	3	4	
1888	SOLOMON	DL	404	14.8	13.8	69.9	0.448	4.75	5.00	1160	85	65.0	4.75	950	3	3	3	R
1889	BETTY	DL	405	15.0	14.2	70.2	0.460	3.00	5.25	795	80	64.5	3.00	1040	4	2	3	
1890	HEYNE	DL	406	14.9	14.2	71.2	0.436	2.75	5.00	320	64	64.5	2.75	940	5	3	3	
1891	LAKIN	DL	407	13.8	12.8	70.7	0.404	3.00	5.25	539	67	62.5	3.00	995	5	2	3	
1892	NUPLAINS	DL	408	15.4	13.8	69.7	0.416	2.75	5.00	720	76	64.0	2.75	990	4	3	3	
1893	INTRATA	DL	409	14.6	13.6	71.2	0.434	2.50	5.00	743	75	64.5	2.50	1000	4	3	3	
1898	W98-530W	DL	415	13.5	12.5	71.8	0.438	3.75	5.00	1110	76	63.0	3.75	990	3	3	3	
1899	W98-506W	DL	416	14.6	13.3	71.0	0.424	4.00	4.50	1214	81	64.0	4.00	975	4	3	3	
1900	NUHORIZON	DL	421	13.5	12.1	71.0	0.432	4.25	4.75	1297	69	63.0	4.25	890	3	3	3	
1901	W96-054W	DL	422	14.2	12.6	70.9	0.408	2.25	5.00	780	77	62.0	2.25	885	4	3	3	
1902	W98-538W	DL	423	13.5	12.3	71.1	0.440	4.00	5.00	1068	75	63.0	4.00	960	4	3	3	
1903	NUFRONTIER	DL	424	13.0	12.1	71.4	0.424	3.25	4.75	945	68	61.0	3.25	900	4	3	3	

AgriPro Wheat

Summarized Data for Selected Experimental Hard White Wheat Lines
Data provided to AWWPA
Confidential

Variety	1999	2000	2001	Average	2001 TW	Maturity	Height	SB/SS	SR	LR	LC	PM	WS	PPO	Sprout
# Locations	[4]	[5]	[5]		lbs/bu										
	bu/a	bu/a	bu/a												
Oro Blanco	81	41	45	56	57	M	SD	1		8	6	7	7		fair
W96-054W	89	42	57	63	61	M	SD	1		8	4	5	4	high	VG
W98-506W	87	45	57	63	60	M	SD	1		6		8	4	med	fair
W98-530W	87	45	52	61	59	M	SD	1		3		4	4	med	VG
W98-538W	82	40	54	59	60	M	SD	1		2	5	7	4	low	poor

ratings based upon 1 resistant or best, 9 susceptible or worst and observation taken at a minimum of 3 locations
SB/SS = soil borne/spindle streak mosaic virus complex
SR = stem rust
LR = leaf rust
LC = leaf complex, primarily tan spot & leaf blotch
PM = powdery mildew
WS = wheat streak mosaic
PPO = poly phenyloxidase reaction, these are estimates data needs verification
Sprout = tolerance to pre-harvest sprouting

Two Year Data Comparison with current competition (head to head in same trial)

	2000	2001	Average	2001 TW
	bu/a	bu/a	bu/a	lbs/bu
# location	[5]	[5]		
W96-054W	42	57	50	61
W98-506W	45	57	51	60
W98-530W	45	52	49	59
W98-538W	40	54	47	60
NuFrontier	38	56	47	60
NuHorizon	42	54	48	60
Trego	45	45	45	57
Betty	38	56	47	60
Jagger	44	63	54	60
2137	41	47	49	56

Exhibit E.
Statement of the Basis of Applicant's Ownership

The variety for which Plant Variety Protection is hereby sought was developed by Dr. John Moffatt, an employee of Agripro Wheat. By agreement between employees and Agripro Wheat all rights to any invention, discovery, or development made by the employee while employed by Agripro Wheat, were assigned to Agripro Wheat, with no rights of any kind pertaining to 'Prairie White ' being retained by the employees.

By contractual agreement the variety 'Prairie White' was purchased from Agripro Wheat, a business unit of Advanta USA, Inc. in June of 1996 and is currently owned by Monsanto Company.